

FIG.1A

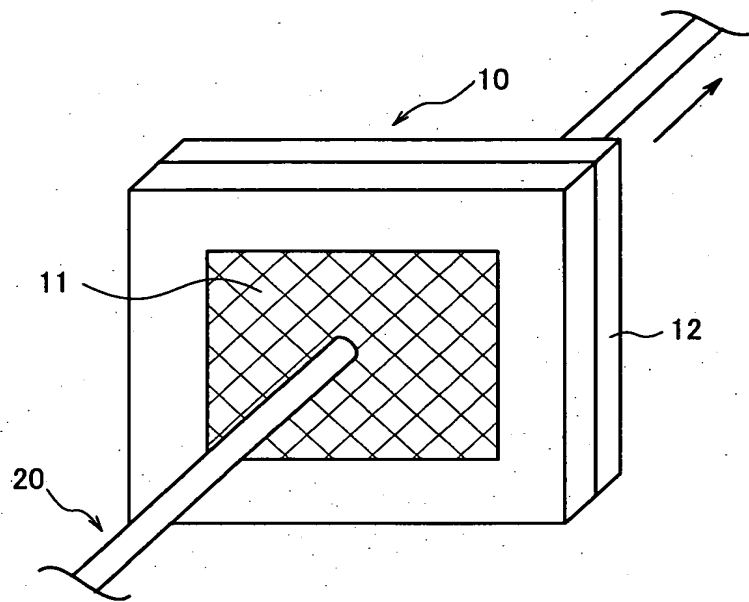


FIG.1B

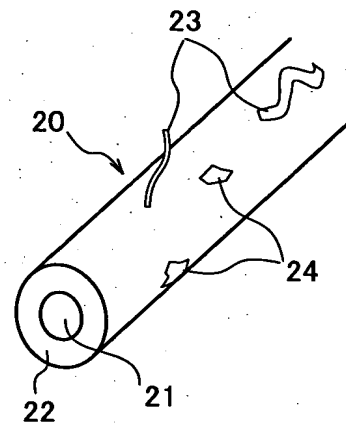


FIG.1C

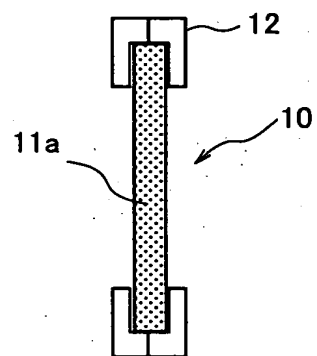


FIG.1D

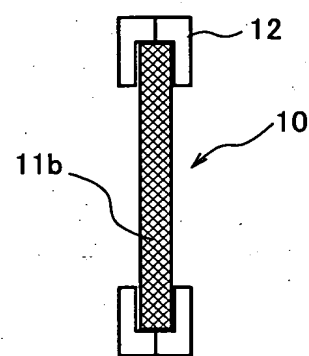


FIG.2

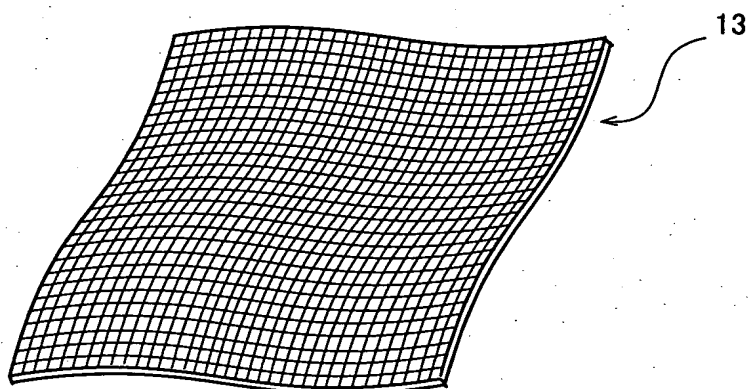


FIG.3

SAMPLE No.	CLEANING MEMBER	ERRORNEOUS DETECTIONS OF UNEVEN SPOTS (TIMES/5km)	ERRORNEOUS DETECTIONS OF UNEVEN SPOTS (TIMES/km)
1	SINGLE-LAYERED SPONGE	17	3.4
2	FOUR-LAYERED SPONGE	13	2.6
3	FOUR-LAYERED STOCKING	10	2.0
4	EIGHT-LAYERED STOCKING	0	0.0
5	NONE	27	5.4

FIG.4A

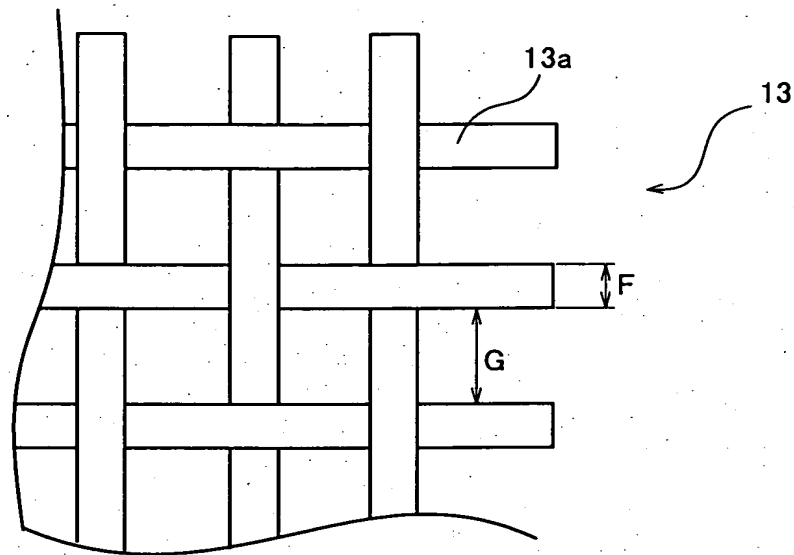


FIG.4B

OUTER DIAMETER OF OPTICAL FIBER $D=0.245(\text{mm})$

$\begin{array}{c} \text{F (mm)} \\ \text{G (mm)} \end{array}$	0.007	0.04	0.12
0.07	x	O	O
0.18	x	O	O
0.25	x	x	x

O: NO SEPARATION OF
COLOR LAYERx: SEPARATION OF
COLOR LAYER

FIG.5A

OUTER DIAMETER OF OPTICAL FIBER D=0.245mm		MESH SIZE G=0.18mm
COLORABLE LENGTH L (km)	THREAD DIAMETER F=0.04mm NUMBER OF (LAMINATED SHEETS)	THREAD DIAMETER F=0.12mm NUMBER OF (LAMINATED SHEETS)
30	16	5
50	24	8
100	48	16

FIG.5B

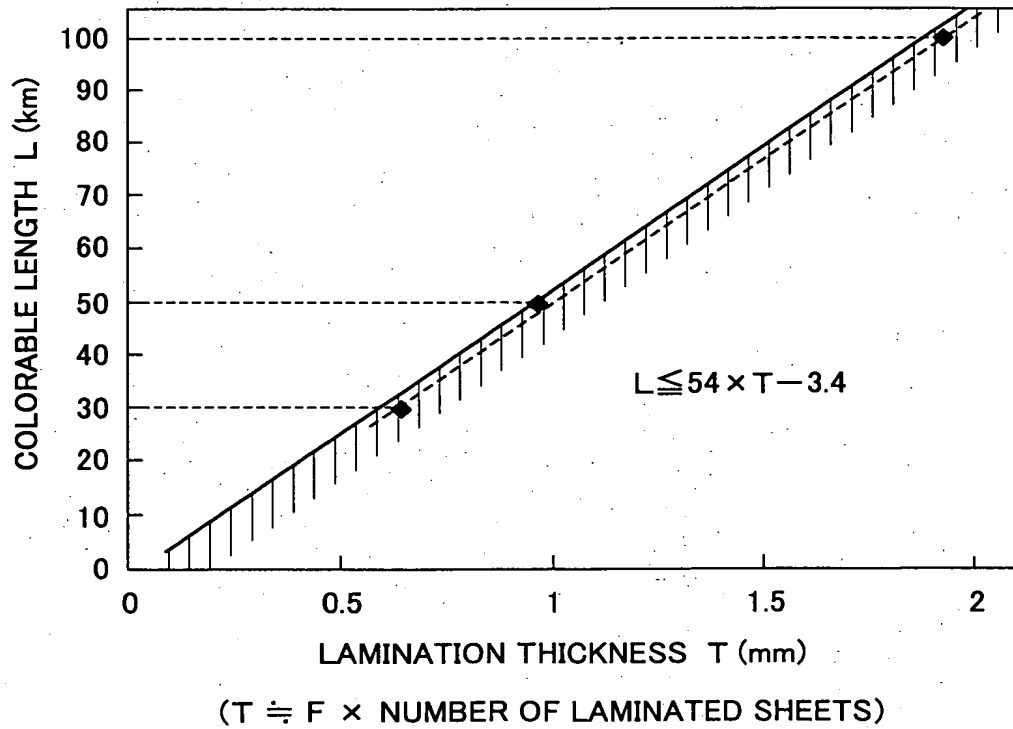


FIG. 6

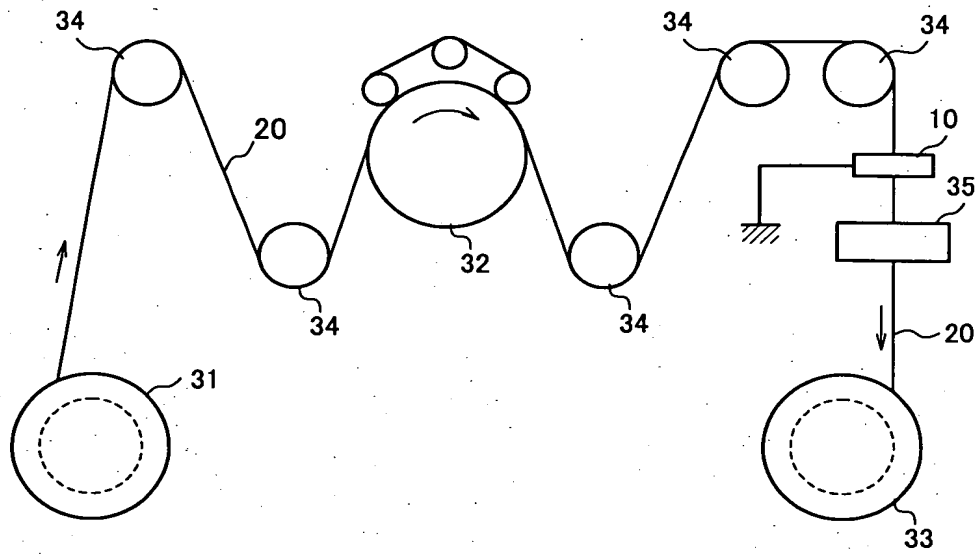


FIG. 7

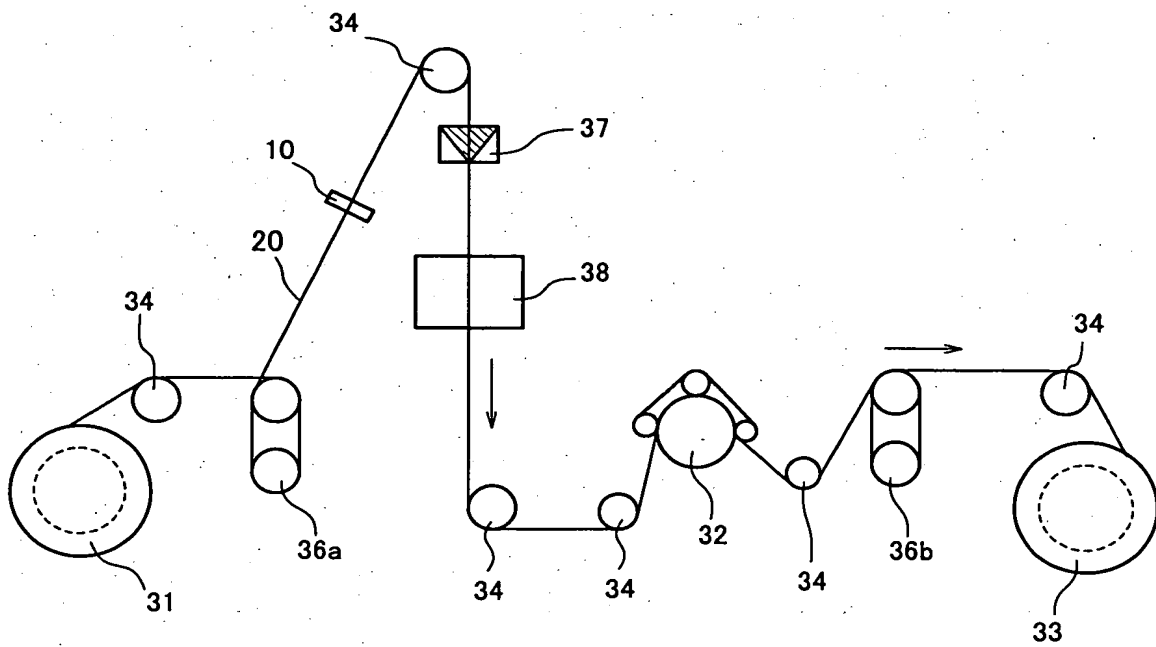


FIG. 8A

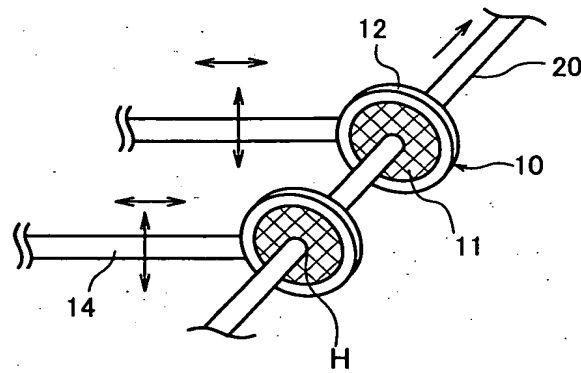


FIG. 8B

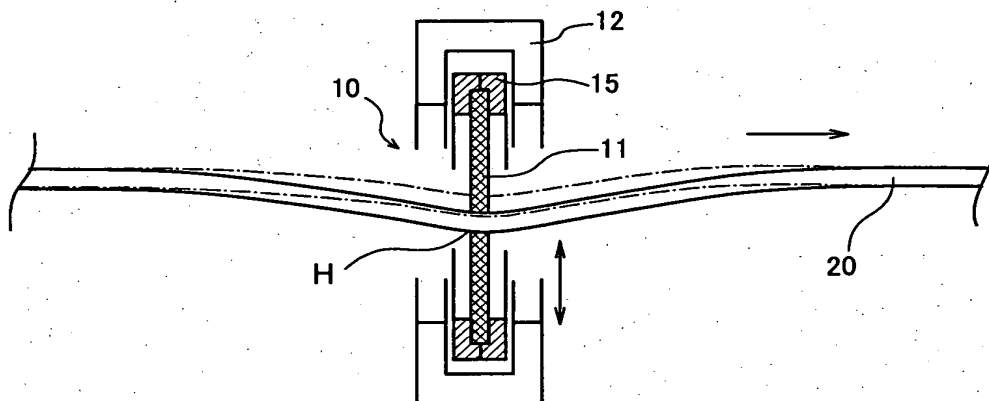


FIG. 8C

